

From: [Glenn Millner](#)
To: [Nancy Jones/R6/USEPA/US@EPA](#)
Cc: [R6 DWH Info@EPA](#)
Subject: RE: Response to BP's Request to Discontinue PM2.5 Monitoring
Date: 06/06/2010 06:25 PM

Ok - thanks for the follow-through. We will keep on with pm2.5.

Dr. Glenn Millner
CTEH
5120 North Shore Drive
North Little Rock, AR, 72118
501-801-8500 office
501-258-7135 cell

-----Original Message-----

From: Jones.Nancy@epamail.epa.gov [mailto:Jones.Nancy@epamail.epa.gov]
Sent: Sunday, June 06, 2010 5:39 PM
To: Glenn Millner
Cc: R6_DWH_Info@epamail.epa.gov
Subject: Fw: Response to BP's Request to Discontinue PM2.5 Monitoring

See below

Sent by EPA Wireless E-Mail Services

----- Original Message -----

From: Maria Martinez
Sent: 06/06/2010 05:36 PM CDT
To: Nancy Jones
Cc: Mark Hansen; R6 DWH Info; Chris Petersen; Jon Rauscher; Ruben Casso; Jim Afghani; EOC OAR
Subject: Response to BP's Request to Discontinue PM2.5 Monitoring
Nancy,

I have consulted with the Air Committee and here is a summary of our review of the sampling/monitoring data posted on the BP website and our recommendations on the request from BP to discontinue PM2.5 monitoring:

BP's report provides a summary of average and maximum concentrations for VOC's, H2S, SO2, Benzene, and PM2.5.
All levels appear consistent compared to our available data for similar coastal areas.
PM2.5 is identified as having high values likely due to moisture interference (max value is 0.09 mg/m3).
While we agree moisture interference is an issue, we believe its appropriate to continue measuring for PM2.5, until there is certainty that no more burning of any kind will take place.
We recommend using a heated inlet or other PM2.5 measurement device that can better minimize the moisture interference.
Since the data appear to be part of a mobile monitoring platform, highly time resolved data will be necessary.

BP's report also provides maps with locations of monitoring from Port Arthur, TX to Apalachee Bay, FL.
Odor detection map identifies "crude oil odor" in isolated area of Louisiana coast, but no information on levels or measurement details.
Recommend having a higher resolution map of locations where odors were detected.
Recommend providing specifics of decision matrix for when an odor is determined.

Please let me know if there are any questions.

Maria
Cell: 214-437-9803

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|----->
| Nancy Jones/R6/USEPA/US
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|----->
| To: |
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|----->
| "Maria Martinez" <Martinez.Maria@epamail.epa.gov>, "Mr. Mark Hansen"
|<Hansen.Mark@epamail.epa.gov>
|>----->
|----->
| Cc: |
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>-----
| "R6_DWH_Info@epamail.epa.gov" <R6_DWH_Info@epamail.epa.gov> |
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| Date: |>
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| 06/03/2010 02:28 PM |>
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| Subject: |>
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| Fw: PM2.5 |>
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Sent by EPA Wireless E-Mail Services

----- Original Message -----

From: Glenn Millner [gmillner@cteh.com]
Sent: 06/03/2010 02:01 PM EST
To: "Byrum, Alex" <Alex.Byrum@WestonSolutions.com>; Nancy Jones
Cc: Alan Nye <anye@cteh.com>
Subject: PM2.5

At a suggestion of one of our staff, Dr. Nye of CTEH has been online looking at PM measurements. PM2.5 and PM10 data are available. See link below.

<http://gulfcoast.airnowtech.org/>

Based on what we have been able to find, PM data is available (2.5 and 10) for many locations from fixed monitoring stations throughout the Gulf. Consequently, we can see no real reason to be using the AM510s for ongoing surveillance given the effects of humidity and the availability of fixed station monitoring throughout the Gulf. We suggest that EPA agree for CTEH to discontinue regular PM monitoring unless there is a reason to respond (such as visible smoke coming inland). The above website gives real time PM2.5 for locations throughout the Gulf, although many of the stations are well inland.

There are also PM10 data by station and day (see below link for a Venice, LA) location that are along the coast. The links are provided by the EPA on the BP spill web page.

mhtml:http://www.epa.gov/bpspill/reports/mht/v02_pm.mht

For the above reasons, we believe we (CTEH and EPA) are adequately covered on PM monitoring by fixed stations (more reliable results which I don't think are affected by humidity).

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